

### ABSTRACT OF THE DISCLOSURE

[00055] A water treatment tank for use with water purification apparatus including an ultra-violet lamp within an encapsulating sleeve onto which incoming water is directed to provide a thin laminar flow about the bulb. The lower compartment has cooling coils about the walls for cooling the water therein relative to the water in the upper compartment. A surrounding sleeve may be located intermediate the encapsulating sleeve and an outer vessel in the tank. A leak detector is located in the encapsulating sleeve. The leak detector and outer vessel are believed to provide safety to users in the event of internal breakage in the tank. A reflective surface is also utilized to direct UV light into portions of the faucets formerly obscured from UV treatment. The faucets preferably provide self-sanitizing capability and an information center selectively displays time until next service, cost savings over bottled water and information related to the dispenser.